

Practice: 472 - Access Control**Scenario: #1 - Trail and or road closure****Scenario Description:**

Restricting access to the use of forest/farm roads and trails by the use of a gate and limited fencing. Resource concerns include Undesirable plant productivity and health, Concentrated flow erosion, Soil compaction, Excessive sediment in surface waters, and Wildlife habitat degradation.

Before Situation:

Roads are damaged or misused, illegal activities occur and/or forest resources are at risk. Extensive amount of fencing (other than that needed to restrict access at the site of ingress) is not included in this scenario, but instead will be planned and installed with the Fence practice (382).

After Situation:

Roads are protected, illegal activities are stopped and/or forest resources are secure.

Scenario Feature Measure: Number

Scenario Unit: Each

Scenario Typical Size: 1

Scenario Cost: \$693.82

Scenario Cost/Unit: \$693.82

Cost Details (by category):

Component Name	ID	Component Description	Unit	Price (\$/unit)	Quantity	Cost
Equipment/Installation						
Tractor, agricultural, 60 HP	963	Agricultural tractor with horsepower range of 50 to 90. Equipment and power unit costs. Labor not included.	Hour	\$23.09	4	\$92.36
Truck, Pickup	939	Equipment and power unit costs. Labor not included.	Hour	\$36.60	4	\$146.40
Auger, Post driver attachment	934	Auger or post driver attachment to a tractor or skidsteer. Does not include power unit. Labor not included.	Hour	\$8.23	2	\$16.46
Labor						
General Labor	231	Labor performed using basic tools such as power tool, shovels, and other tools that do not require extensive training. Ex. pipe layer, herder, concrete placement, materials spreader, flagger, etc.	Hour	\$18.70	4	\$74.80
Materials						
Fence, Wire Assembly, Barbed Wire	30	Brace pins, battens, clips, staples. Includes materials and shipping only.	Foot	\$0.16	100	\$16.00
Post, Wood, CCA treated, 3-4" x 7'	9	Wood Post, Line 3-4" X 7', CCA Treated. Includes materials and shipping only.	Each	\$6.05	4	\$24.20
Wire, Barbed, Galvanized, 12.5 Gauge, 1,320' roll	1	Galvanized 12.5 gauge, 1,320' roll. Includes materials and shipping only.	Each	\$68.83	1	\$68.83
Post, Wood, CCA treated, 6" x 8'	12	Wood Post, End 6" X 8', CCA Treated. Includes materials and shipping only.	Each	\$14.60	4	\$58.40
Gate, Pipe, 12'	1057	6 rail tube gate, 16 gauge. Includes materials and shipping only.	Each	\$160.77	1	\$160.77
Concrete mix, bag	1226	Pre-mixed dry concrete mix in 60 pound bag. Materials only.	Each	\$3.56	10	\$35.60

Practice: 472 - Access Control**Scenario: #2 - Animal exclusion from riparian zone****Scenario Description:**

Livestock remain excluded by a fence from a riparian area that was previously grazed, in order to protect water quality. Monitoring occurs to ensure development of invasive plants or plants toxic to livestock is detected. In addition, monitoring occurs to ensure impacts of human access does not degrade natural resources. This is for facilitating exclusion of animals to protect or enhance natural resource values. Control will be established using the associated practice 382 Fencing. The primary resource concern is water quality; secondary concern: wildlife habitat. Other associated practices include: 390 Riparian Herbaceous Buffer and 391 Riparian Forest Buffer;

Before Situation:

Sensitive areas are threatened by the adverse actions of domestic and/or wild animals. The importance of the sensitive areas can include (but are not limited to): wildlife habitat, plant species composition, newly established trees and/or plants, stream bank stability, and/or water quality.

After Situation:

Sensitive areas are protected from the adverse actions of domestic and/or wild animals by excluding them from the area.

Scenario Feature Measure: Area of Riparian zone

Scenario Unit: Acre

Scenario Typical Size: 2

Scenario Cost: \$49.28

Scenario Cost/Unit: \$24.64

Cost Details (by category):

Component Name	ID	Component Description	Unit	Price (\$/unit)	Quantity	Cost
Foregone Income						
FI, Grazing AUMs	2079	Grazing is the Primary Land Use	AUM	\$15.29	2	\$30.58
Labor						
General Labor	231	Labor performed using basic tools such as power tool, shovels, and other tools that do not require extensive training. Ex. pipe layer, herder, concrete placement, materials spreader, flagger, etc.	Hour	\$18.70	1	\$18.70

Practice: 472 - Access Control**Scenario: #3 - Animal exclusion from other sensitive areas such as wetlands and sinkholes****Scenario Description:**

Livestock remain excluded by a fence from springs, seeps, wetlands, tidal marsh areas, sinkholes or other similarly sensitive ecological site that was previously grazed, in order to protect water quality. Monitoring occurs to ensure development of invasive plants or plants toxic to livestock is detected. In addition, monitoring occurs to ensure impacts of human access does not degrade natural resources. This is for facilitating exclusion of animals to protect or enhance natural resource values. Control will be established using the associated practice 382 Fencing. The primary resource concern is water quality; secondary concern: wildlife habitat. Other associated practices include: 390 Riparian Herbaceous Buffer and 391 Riparian Forest Buffer;

Before Situation:

Sensitive areas are threatened by the adverse actions of domestic and/or wild animals. The importance of the sensitive areas can include (but are not limited to): wildlife habitat, plant species composition, newly established trees and/or plants, stream bank stability, and/or water quality.

After Situation:

Sensitive areas are protected from the adverse actions of domestic and/or wild animals by excluding them from the area.

Scenario Feature Measure: Area with sensitive landscape

Scenario Unit: Acre

Scenario Typical Size: 1

Scenario Cost: \$16.32

Scenario Cost/Unit: \$16.32

Cost Details (by category):

Component Name	ID	Component Description	Unit	Price (\$/unit)	Quantity	Cost
Foregone Income						
FI, Grazing AUMs	2079	Grazing is the Primary Land Use	AUM	\$15.29	0.15	\$2.29
Labor						
General Labor	231	Labor performed using basic tools such as power tool, shovels, and other tools that do not require extensive training. Ex. pipe layer, herder, concrete placement, materials spreader, flagger, etc.	Hour	\$18.70	0.75	\$14.03

Practice: 472 - Access Control**Scenario: #4 - Animal exclusion from woodland areas****Scenario Description:**

Livestock remain excluded by a fence from woodlands sites that were previously grazed, in order to protect water quality. Monitoring occurs to ensure development of invasive plants or plants toxic to livestock is detected. In addition, monitoring occurs to ensure impacts of human access does not degrade natural resources. This is for facilitating exclusion of animals to protect or enhance natural resource values. Control will be established using the associated practice 382 Fencing. The primary resource concern is water quality; secondary concern: wildlife habitat. Other associated practices include: 390 Riparian Herbaceous Buffer and 391 Riparian Forest Buffer;

Before Situation:

Sensitive areas are threatened by the adverse actions of domestic and/or wild animals. The importance of the sensitive areas can include (but are not limited to): wildlife habitat, plant species composition, newly established trees and/or plants, stream bank stability, and/or water quality.

After Situation:

Sensitive areas are protected from the adverse actions of domestic and/or wild animals by excluding them from the area.

Scenario Feature Measure: Wooded area

Scenario Unit: Acre

Scenario Typical Size: 15

Scenario Cost: \$41.64

Scenario Cost/Unit: \$2.78

Cost Details (by category):

Component Name	ID	Component Description	Unit	Price (\$/unit)	Quantity	Cost
Foregone Income						
FI, Grazing AUMs	2079	Grazing is the Primary Land Use	AUM	\$15.29	1.5	\$22.94
Labor						
General Labor	231	Labor performed using basic tools such as power tool, shovels, and other tools that do not require extensive training. Ex. pipe layer, herder, concrete placement, materials spreader, flagger, etc.	Hour	\$18.70	1	\$18.70